DK

Depth 6	Contents 7	Reference to last Measurement 8
ork alone Spot		
	DB Nandra Main Road	
	RCC Drain with BS covering slab	

Survey

Assistant Executive En
dyaranyapura Sub Di
BBMP, Bangalore -

First & Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259246

BR-514/20-21

Serial No. .....

Name of Work Improvements to Roads Drains and covering Slabs at Nanjappa PPA Layout 7th Cross Road Left Side in ward No-16. (Doddabommasandra) From ..... To .....

Name of Contractor of nature of Agency Sri. Rameshananda E,

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work Code No:- 010-15-000010						
	Agreement No:- 176 Dated 6-01-2015.						
	Work order No:- EE/BTP/BBMP/E-PMT/176/2014-15, Date 06-01-2015.						
	Address of Agency:- #174, 3rd main road, AECS layout, 1st stage, Sanjayanagar Bangalore-94.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in hard soil involving an average horizontal throw 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth as per specifications						
	7th cross Ranjappa Layout RHS	1	30.00	1.00	0.90 =	27.00 cu.m	
		1	30.00	1.00	0.90 =	27.00 cu.m	
		1	30.00	1.00	0.90 =	27.00 cu.m	
		1	8.20	1.00	0.90 =	7.38 cu.m	
	OPP Road LHS	1	20.00	1.00	0.90 =	18.00 cu.m	
		1	30.00	1.00	0.90 =	27.00 cu.m	
		1	30.00	1.00	0.90 =	27.00 cu.m	
		1	30.00	1.00	0.90 =	27.00 cu.m	
		1	8.50	1.00	0.90 =	7.65 cu.m	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	OPP Road	
	2) Providing and laying in OPC cement @ 180 kgs aggregates @ 0.8 cu.m and laid in layers not exceed and plinth, including co	

K

Depth 6	Contents 7	Reference to last Measurement 8
n hard soil involving an average lift upto neatly dressed, the		
go = 27.00 cum		
go = 27.00 cum		
go = 27.00 cum		
go = 7.38 cum		
go = 18.00 cum		
go = 27.00 cum		
go = 27.00 cum		
go = 27.00 cum		
go = 7.65 cum		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259247

Serial No. ..... To .....

Name of Work ..... From .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	OPP Road	1	12.50	1.00	0.90 =	11.25 Cum	
					Total =	206.28 Cum	
					=	205.20 Cum	
	Qty limited to Tender @ Rs 90.00					Rs 18468.00	

2) Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs 40mm and down size graded granite metal coarse aggregate @ 0.85 Cum and fine aggregate @ 0.57 Cum machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	OPP Road	4	30.00		0.60 =	72.00 Sqm	
		4	8.50		0.60 =	20.40 Sqm	
		4	12.50		0.60 =	30.00 Sqm	
					Total =	550.08 Sqm	
					Qty limited to Tender =	547.20 Sqm	
			@ Rs	270.00		Rs 147744.00	
4)	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size graded metal coarse aggregates @ 0.878 cum and fine aggregate @ 0.459 cum with machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation Plinth and ground floor level for roof slabs, staircase lintels retaining walls curing complete as per specifications.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Nanjappa Layout 7th cross RHS	
	OPP Road LHS	
	OPP Road Side walls	
	Nanjappa Layout 7th cross RHS	

Contents 7	Reference to last Measurement 8
= 72.00 Sqm	
= 20.40 Sqm	
= 30.00 Sqm	
= 550.08 Sqm	
= 547.20 Sqm	
Rs 14774.00	
ment concrete of design	
m and down size	
n and fine aggregate	
ed in layers not	
in foundation Plinth	
ck lintels retaining	
ks	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259249

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Nanjappa Layout 7th cross RHS	1	30.00	0.90	0.15 =	4.05 Cum	
		1	30.00	0.90	0.15 =	4.05 Cum	
		1	30.00	0.90	0.15 =	4.05 Cum	
		1	8.20	0.90	0.15 =	1.11 Cum	
		1	20.00	0.90	0.15 =	2.70 Cum	
	OPP Road LHS	1	30.00	0.90	0.15 =	4.05 Cum	
		1	30.00	0.90	0.15 =	4.05 Cum	
		1	30.00	0.90	0.15 =	4.05 Cum	
		1	8.50	0.90	0.15 =	1.15 Cum	
		1	12.50	0.90	0.15 =	1.69 Cum	
	OPP Road Side walls	2	30.00	0.15	0.55 =	4.95 Cum	
	Nanjappa Layout 7th cross RHS						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	OPP Road LHS	2	30.00	0.15	0.60 =	5.40 cum	
		2	30.00	0.15	0.60 =	5.40 cum	
		2	8.20	0.15	0.65 =	1.60 cum	
		2	20.00	0.15	0.55 =	3.30 cum	
		2	30.00	0.15	0.60 =	5.40 cum	
		2	30.00	0.15	0.60 =	5.40 cum	
		2	30.00	0.15	0.65 =	5.85 cum	
	OPP Road	2	8.80	0.15	0.65 =	1.60 cum	
		2	12.50	0.15	0.55 =	2.06 cum	
					Total =	71.96 cum	
		Qty limited to Tender =				71.82 cum	
		@ Rs 5700.00				Rs 409374.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
5)	providing mild Steel reinf cutting, bending, hooks wherever required, tyin adjoining members wh hooks, and wastage shall Qty vide page no — of this M.B no — 2	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	8) providing two line stone dressing to granite Stone Slab/ granite stone masonary as per specification)						
	Qty vide Item no-06					= 205.20 Sqmt	
	@ Rs 800.00					Rs 164160.00	
	9) Lead for Disposal of Debris shall be payable at carriage rates by mechanical means including loading and unloading						
	Qty vide Item no-01					= 194.94 Cum	
	@ Rs 710.5					Rs 138550.80	
						Total Rs	1396150.00

Certified
Divisional Executive Engineer
Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97
30/3

Sadhan
AE 30/3/2015.

RA 5th
30/3/15

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Certificate :-
	IT - 13962.00
	VAT - 55846.00
	CST - 1396.00
	LWF - 13962.00
	ESD - 83769.00
	LC - 7002.00
	Total - 175937.00

Certified that the above mentioned amount is correct and payable to the contractor.
Sadhan
AE 30/3/

Contents 7	Reference to last Measurement 8
ne Slab/ granite	
= 205.20 Sqft	
RS 164160.00	
carriage rates by unloading	
= 194.94 Cum	
RS 13850.80	
Total RS 139615.00	

Jadhav
AE 30/3/2015.

RR 514
30/3/15

M. A. R. 57 (Rule 116) 139615-00
Measurement Book No. B
259252
175937-00

Serial No. .....
Name of Work ..... From ..... To 122024-00
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate:						
	IT - 13962-00 VAT - 55846-00 CST - 1396-00 LWF - 1396-00 ESD - 83769-00 LC - 7002-00 Refused - 175937-00						

certified that the above work done satisfactory and no-materials issued from departmentally

Jadhav
AE 30/3/2015

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97